

## PATENT ABSTRACTS OF JAPAN

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(54) SOFT CAPSULE

(57) Abstract:

PURPOSE: To obtain an essentially transparent or semi-transparent soft capsule having improved light-stability of drug contained therein, by covering an oily solution containing a light-unstable drug with a capsule skin containing specific fine particles of titanium oxide.

CONSTITUTION: A solution containing a light-unstable drug is covered with a capsule skin (a combination of gelatin, glycerol and various preservatives) containing fine particles of titanium oxide having a maximum particle diameter of  $\leq 0.1\mu\text{m}$  and an average particle diameter of  $0.01\text{W}0.07\mu\text{m}$ . Particles having diameter of  $\leq 0.1\mu\text{m}$  account for at least 85% of the whole particles. The amount of the titanium oxide fine particle is  $\geq 0.001\text{wt.}\%$ , preferably  $0.01\text{W}5\text{wt.}\%$  based on the total amount of the constituent components for the capsule skin.

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